



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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FEB 10 2003

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In RE:

APPLICANT(S): JACK V. SMITH

GROUP ART UNIT: 7743

S.N.: 09/829,563

EXAMINER: BAKER, MAURIE GARCIA

FILING DATE: 04/11/01

DATE OF THIS RESPONSE: 6/3/02

FOR: Methods for Assaying Biological and other Constituents using Synthetic Nucleounits in Lateral Flow, Liquid, and Dry Chemistry Techniques

Amendment A

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

In response to the Office Action letter mailed 08/29/02, please amend the above application as follows:

Claims:

Please amend the claims as follow: Please **delete** claims 1-7 per the Examiners helpful suggestions and **add** the following claims 8-15.

A1
8. The method for the detection of Prostate Specific Antigen the analyte of interest in a sample, wherein the sample is selected from the group consisting of urine, serum, whole blood, cerebral spinal fluid, gastric fluid, sweat extracts, hair homogenates, saliva, water, soft drinks, beer or mixed drinks, consisting essentially of;

- muhi*
- (A) preparing a dry chemistry test means by successively impregnating a solid, carrier matrix with reagents solutions consisting essentially of an nucleounit indicator conjugate and a buffer, -
 - (B) drying the impregnated solid carrier matrix;
 - (C) dipping said chemistry test means into the sample; and